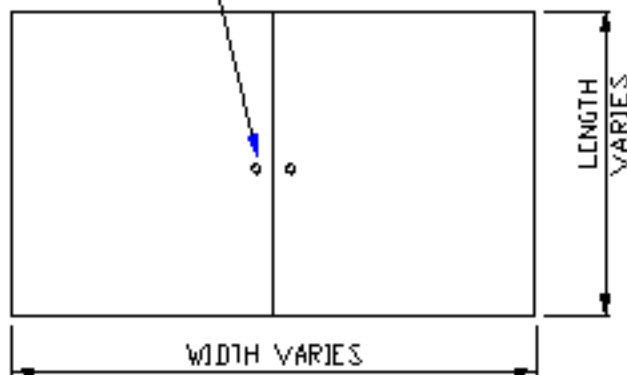


REMOVABLE PLUG FOR  
KEY WRENCH



CENTER DRIP CHANNEL

PLAN

SLAM LOCK

REMOVABLE  
KEY WRENCH

AUTOMATIC HOLD  
OPEN ARM AND  
COVER RELEASE

CHANNEL FRAME

CONTINUOUS  
ANCHOR FLANGE

PIPE FOR  
CONNECTION TO  
DRAIN

LIFTING MECHANISM  
HOUSING

#### NOTES:

1. VAULTS SHALL BE USED TO ENCLOSE METERS LARGER THAN 2", BACKFLOW PREVENTERS LARGER THAN 2", ALL METERS WITH BY-PASS, DETECTOR CHECKS AND WHEN REQUIRED BY THE UTILITIES DIRECTOR
2. VAULTS SHALL BE OF ADEQUATE SIZE AND UNLESS OTHERWISE SPECIFIED PROVIDE A MINIMUM CLEAR DISTANCE OF 2 FEET BETWEEN SIDEWALLS AND COMPONENTS.
3. VAULT LIDS SHALL BE LARGE ENOUGH TO PROVIDE PASSAGE OF PERSONNEL & EQUIPMENT BUT IN NO CASE SMALLER THAN 30" WIDE & 30" LENGTH.
4. VAULT LIDS SHALL BE BILCO TYPE J OR JD STEEL OR ALUMINUM ACCESS DOOR OR EQUAL. DOORS SHALL BE SINGLE OR MULTIPLE LEAF & EACH LEAF SHALL HAVE LIFT ASSIST. DOORS SHALL BE EASILY LIFTED BY ONE PERSON. THE LATCH SHALL HAVE A REMOVABLE KEY WRENCH. DOORS SHALL BE DESIGNED FOR THE TRAFFIC LOADS WHICH WILL BE ENCOUNTERED.
5. VAULTS SHALL BE PRECAST AS MANF. BY TINDALL OR EQUAL, CAST IN PLACE OR BLOCK, DESIGNED FOR APPROPRIATE DEPTH & STRESSES.
6. VAULTS SHALL BE PIPE DRAINED TO THE NEAREST LOW POINT OR IF THIS IS NOT POSSIBLE OR REASONABLE AS APPROVED BY THE UTILITIES DIRECTOR, A 30" SQ X 1' DEEP SUMP SHALL BE PROVIDED IN THE FLOOR OF THE VAULT. FLOOR SHALL BE SLOPED TO EITHER THE FLOOR DRAIN OR THE SUMP.

CITY OF SALISBURY, N.C. STANDARD DETAIL

DATE: JANUARY 1, 1991

WATER SYSTEMS  
VAULTS

NOT TO SCALE

STANDARD W-8